

CLAIMS

1. Circlip pliers (1) comprising two pliers limbs (2),  
which are formed for gripping, and two pliers tips  
5 (5), insertion tips (6) for introduction into  
actuating eyelets (7) of a circlip (8) being  
provided on the pliers tips (5), which insertion  
tips are rooted in a contact surface (9) of the  
pliers tips (5), wherein, in the unactuated state  
10 of the pliers, longitudinal axes (x-x) of the  
insertion tips (6) enclose an acute angle ( $\alpha$ ) with  
one another and the planar contact surface (9)  
likewise forms an acute angle ( $\beta$ ) with a  
perpendicular (y-y) to such a longitudinal axis (x-  
15 x) in such a way that the contact surfaces (9) of  
the pliers tips (5) form an obtuse angle with one  
another.
2. Circlip pliers according to Claim 1 or in  
20 particular according thereto, characterized in that  
the angle of the insertion tips (6) lies in the  
range from 3° to 7° and the angle of the contact  
surface (9) lies in the range from 6° to 10°.
- 25 3. Circlip pliers (1) comprising two pliers limbs (2)  
and two pliers tips (5), insertion tips (6) which  
have a planar end face (10) being formed on the  
pliers tips (5), characterized in that the planar  
end face (10) forms an acute angle ( $\gamma$ ) with a  
30 perpendicular (z-z) to a longitudinal axis (x-x) of  
an insertion tip (6), the angle of an insertion tip  
(6) sloping down toward a longitudinal center axis  
(A-A) of the pliers (1).
- 35 4. Circlip pliers (1) comprising two pliers limbs (2)  
and two pliers tips (5), insertion tips (6) which  
have a planar end face (10) being formed on the  
pliers tips (5), characterized in that the

insertion tips (6) have a roughness-increasing coating, for example a diamond coating.

5. Circlip pliers (1) comprising two pliers limbs (2)  
5 and two pliers tips (5) according to Claim 3,  
characterized in that, in the unactuated state of  
the pliers, the end faces (10) of the two insertion  
tips (6) form an obtuse angle with one another.

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